IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Toshiyuki Tamura

Serial No.:   09/899,816   Group Art Unit: 2642

Filed: July 9, 2001   Examiner: Hong, Harry S.

For: COMMUNICATION SYSTEM, COMMUNICATION METHOD AND
        SWITCHING NODE

Honorable Commissioner of Patents
Alexandria, VA 22313-1450

DECLARATION UNDER RULE 37 C.F.R. § 1.131

Sir:

We, Toshiyuki Tamara and Masahiro Sawada, do hereby state that:

1)   We are the inventors of the above-identified application.

2)   The COMMUNICATION SYSTEM, COMMUNICATION METHOD AND

SWITCHING NODE was known to us earlier than July 16, 2000. Indeed, the present

invention was published as document N4-000443 titled "How to obtain RFCI information in

Core Network" (Exhibit 1).

3)   Mr. Toshiyuki Tamara distributed the document (Exhibit 1) to a mailing list of

a research body, 3GPP, on a first date (redacted) before July 16, 2000 at the email address

3GPP_TSG_CN_WG4@LIST.ETSI.FR, as shown in the copy of the electronic mail (email)

header (Exhibit 2).

4)   A copy of the Email Exploder List (Exhibit 3) of the 3GPP Home Page,

http://www.3gpp.org, includes the email lists for 3GPP including "3GPP_TSG_CN_WG4"

under the heading "TSG Core Network E-mail lists."

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Docket No.: NEC-F108/USA
IDE.005

5)   A copy of the "How to Subscribe" section (Exhibit 4) of the 3GPP web site,

http://www.3gpp.org, contains a list of email exploders including

3GPP_TSG_CN_WG4@LIST.ETSI.FR.

6)   The mailing list "TGPP_TSG_CN_WG4" was hosted at" LIST.ETSI.FR" at

http://www.lsoft.com/scripts/wl.exe?XH and the mailing list included 360 subscribers, as

shown in the copy of the Mailing List of LIST.ETSI.FR (Exhibit 5).

7)   The document was published on the FTP server at

ftp://ftp.3gpp.org/TSG_CN/WG4_protocollars/tsgN4_03/Docs on a second date before July

16, 2000, as shown in the directories (Exhibit 6) of ftp://ftp.3gpp.org which include document

N4-000443 (Exhibit 1). We respectfully note that the directories (Exhibit 6) indicate that

Siemans Tdoc N4-000476 was not published on this server until August 15, 2000.

8)   In light of the facts of 2) – 7), the effective date of the document (Exhibit 1) is

earlier than July 16, 2000.

9)   The above clearly evidences a completion (reduction to practice) of the

invention in a NAFTA or WTO Member Country (i.e., Japan) before the publication date of

either Siemans Tdoc N4-000476 (e.g., July 16, 2000) or NEC Tdoc N4-000626 (e.g. August

28, 2000).

10)   The present invention, upon which claims 1-11 are based, is disclosed in the

contents of the document (Exhibit 1).

For example, the document (Exhibit 1) discloses a method for obtaining Rab sub-

Flow Combination Identifier (RFCI) information in a core network. (e.g., see Exhibit 1 at

Title), which can be found in the specification (e.g., see Application at page 6, lines 10-27).

Regarding the present invention, the document (Exhibit 1) discloses that the RFCI can be obtained by In-band signaling such that when the mobile switching center (MSC) server detects the trigger to perform transcoder free operation (TrFO) break, the MSC server interrogates the radio network controller (RNC) using the user interface (Iu) UP in-band signal about the RFCI that is currently being used (e.g. Exhibit 1, at section B)-2), which can be found in the specification (e.g. Application at page 6, lines 10-27).

The document (Exhibit 1) discloses that the RFCI can be obtained by out of band signaling such that when the MSC server detects the trigger to perform TrFO break, the MSC server interrogates the RNC using the radio access network application part (RANAP) signal about the RFCI currently being used (e.g. Exhibit 1, section B)-1), which can be found in the specification (e.g. Application at page 6, line 28, page 7, lines 1-2, and page 14, lines 22-25).

11)   In the alternative, we declare that the claimed invention was conceived prior to July 16, 2000 (e.g., as shown by the attached document (Exhibit 1) having a date (now redacted) prior to July 16, 2000) and, coupled with due diligence from a date before July 16, 2000, that the invention was constructively reduced to practice on December 14, 2000. That is, Japanese Application No. Hei. 2000-380458 was prepared in due course in accordance with standard NEC Corporation and NTT DoCoMo, Inc. procedures and filed with the Japanese Patent Office on December 14, 2000. The present U.S. patent application, which claims priority to the Japanese Application, was timely filed under 35 U.S.C. §119 in the United State Patent and Trademark Office on July 9, 2001.

12)   The facts above in 2) – 10) clearly show a completion of the invention in a NAFTA or WTO Member Country (i.e., Japan) before July 16, 2000. Alternatively, the facts

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in 11) above show a conception of the invention, prior to July 16, 2000, and due diligence from before July 16, 2000 to the filing date (i.e., the constructive reduction to practice) of the application, upon which the present invention claims priority, on December 14, 2000.

We hereby declare that all statements made here of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Further declarants sayeth not.

Date: _June 13, 2005_   _Toshiyuki Tamura_
                               Toshiyuki Tamura

Date: _24 June 2005_   _____
                               Masahiro Sawada

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資料.2

Title:	How to obtain RFCI information in Core Network
Source:	NEC
Document for	Discussion and Approval

In the last TFO/TRFO meeting, it is concluded that RFCI parameters should be available at the serving Media Gateway or MSC. This pepper focuses how RFCI information should be recognised in CN by comparing the possible method.
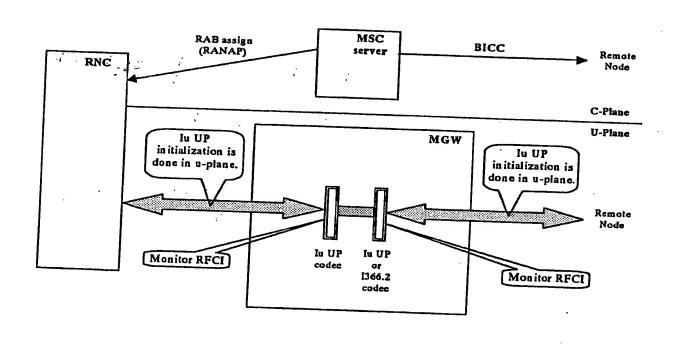
1. Candidates for RFCI recognition in CN

Four possible candidates for RFCI recognition in CN are follows.
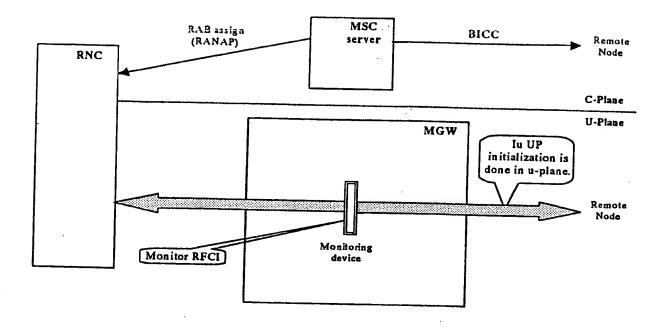
A) RFCI maintained in CN

A)-1 MGW always terminates Iu UP and monitors the user frame if TrFO break possible.

MGW always terminates the Iu UP and monitors the user data traffic. Whenever MGW recognises the RFCI assignment/ reassignment, assigned RFCI is notified to MSC server.

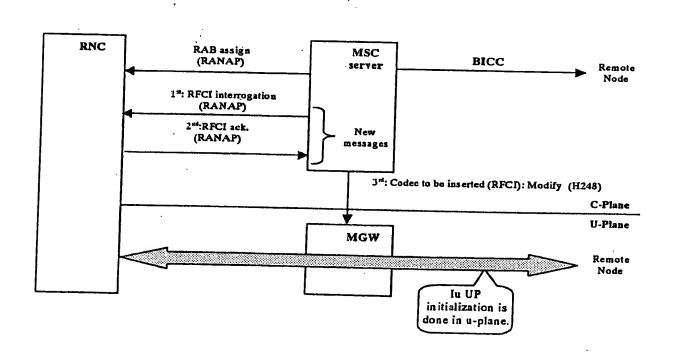### A)-2 MGW only monitors the PDU type 14 user frame if TrFO break possible. (No termination)

MGW monitors only the PDU type 14 user frame by the monitoring device. This device is only used for monitoring purpose. Therefore, No Iu UP termination can be performed with this device. In case that TrFO break procedure is executed, Codec is inserted instead.
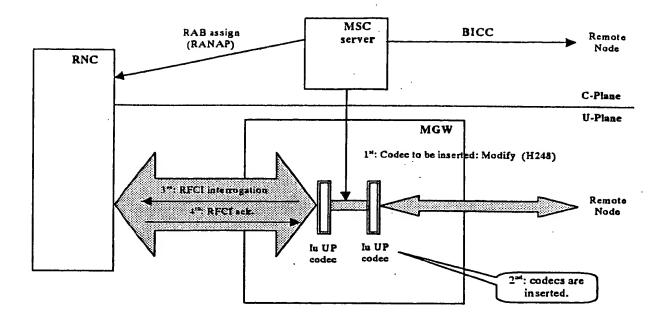
B) RFCI obtained by interrogation

B)–1 RFCI is obtained by Out of band signalling (RANAP)

When MSC server detects the trigger to perform TrFO break, MSC server interrogates the RNC using RANAP signal about the RFCI that currently being used.
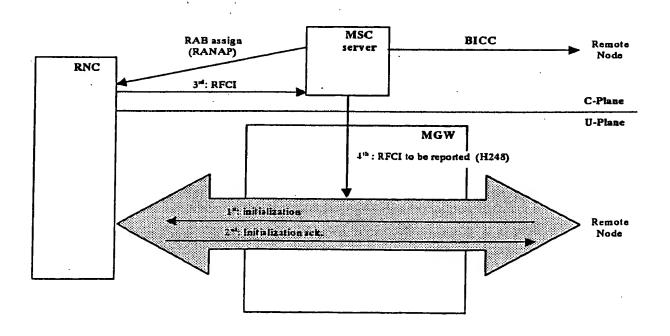
B)–2 RFCI is obtained by In-band signalling

When MSC server detects the trigger to perform TrFO break, MSC server interrogates the RNC using the Iu UP in-band signal about the RFCI that currently being used. New message is created by adding new PDU type or by adding new procedure indicator under the PDU type 14.

B)–3 RFCI is always reported by RNC whenever changed.

Whenever active RFCI is assigned or changed, RNC reports to MSC server. Then, MSC server informs to MGW.

2. Comparisons

A)-1	Advantages	• Simple processing • No standardisation activity required for signalling protocol.
	Disadvantages	• A lot of Codec sets must be installed to serve theTrFO break traffic in MGW. (Costliness). • Against the idea of U-plane/C-plane separation.
A)-2	Advantages	• No standardisation activity required for signalling protocol.
	Disadvantages	• A lot of new devices must be installed to serve theTrFO break traffic in MGW. (Costliness). • New device needs to be introduced. However, this approach is lesscostliness than A)-1 approach.
B)-1	Advantages	• No additional function isrequired in MGW for obtaining RFCI.
	Disadvantages	• RANAP needs to be enhanced. (Add 2 new messages.) • Enhance H248 protocol toinform RFCI from MSC sever to MGW. • Q.1901 (BICC) needs to be enhanced in case thatcodec is moved to edge MGW in core network
B)-2	Advantages	• Reasonable U-plane/C-plane separation • Easy to accommodatefor version upgrade.
	Disadvantages	• Iu user plane protocol (25.415) needs to be enhanced. (Add 2 new messages.) • Delay to start user data path through or Clippingmight be happened.
B)-3	Advantages	• No additional function isrequired in MGW for obtaining RFCI.
	Disadvantages	• RANAP needs to be enhanced. (Add 2 new messages.) • Enhance H248 protocol toinform RFCI from MSC sever to MGW. • Q.1901 (BICC) needs to be enhanced in case thatcodec is moved to edge MGW in core network

3. Conclusion

NEC concluded that B)-2 approach is the most appropriate approach for RFCI recognition in core network. This conclusion was reached based on the following considerations.

- At first, Monitoring method, A)-1 and A)-2 are not acceptable because ofcostliness. One of the basic TrFO concepts is to free transcoders in order to make MGW less expensive.

- In B)-1, B)-3 approaches, out side of 3GPP specifications are affected. (.e. BICC)

- Delay or Clipping that expected in B)-2 approach is less than 100msec. (1frame (20msec.) round trip and some processing time.) This delay could be considered as negligible delay.

資料1

Received: from m065s001.mcs.abk.nec.co.jp by m074s026.mcs.abk.nec.c
o.jp (8.9.3/MCS-C990623)
with ESMTP id SAA09387; Mon,
████████ 18:35:22 +0900 (JST)
Received: from mailsv5.nec.co.jp by m065s001.mcs.abk.nec.co.jp (8.9
.3+Sun/MCS-M980825) with
ESMTP
id SAA15391; Mon, ████████ 18:36:32 +0900 (JST)
Received: from TY0204.gate.nec.co.jp (TY0204-le2 [192.168.1.204]) b
y mailsv5.nec.co.jp
(8.9.3/3.7W-MAILSV5-NEC) with ESM
TP
id SAA15455; ████████ 18:36:31 +0900 (JST)
Received: from list.etsi.fr (list.etsi.fr [212.234.161.19])
by TY0204.gate.nec.co.jp (8.9.3/3.7W00052210) with ESMTP id SAA0804
2;
Mon, ████████ 18:35:47 +0900 (JST)
Received: from list (list.etsi.fr) by list.etsi.fr (LSMTP for Windo
ws NT v1.1b) with SMTP id
<0.000CD124@list.etsi.fr>;
Mon, ████████ 10:34:25 +0100
Received: from LIST.ETSI.FR by LIST.ETSI.FR (LISTSERV-TCP/IP releas
e 1,8d) with
████████ spool id 2150014 for 3GPP_TSG_CN_WG4@LIST.ETSI.FR; Mon, █
10:06:04 +0100
Received: from delta.etsi.fr by list.etsi.fr (LSMTP for Windows NT
v1.1b) with
SMTP id <0.000CD0AE@list.etsi.fr>; Mon, ████████ 10:06
:02 +0100
Received: FROM TY0202.gate.nec.co.jp BY delta.etsi.fr ; Mon ████████
10:06:35
████ +0100
Received: from mailsv4.nec.co.jp (mailsv4-le1 [192.168.1.93]) by
TY0202.gate.nec.co.jp (8.9.3/3.7W00052210) with ESMTP id
SAA23269;
Mon, ████████ 18:06:33 +0900 (JST)
Received: from else27.elsf.ncos.nec.co.jp (else27.elsf.ncos.nec.co.
jp
[10.40.23.1]) by mailsv4.nec.co.jp (8.9.3/3.7W-MAILSV4-NE
C) with
ESMTP id SAA02127; Mon, ████████ 18:06:31 +0900 (JST)
Received: from elss19.elsf.ncos.nec.co.jp by else27.elsf.ncos.nec.c
o.jp
(8.8.8+2.7Wbeta7/3.5Wpl3) with ESMTP id SAA02608; Mon, ██
18:06:30 +0900 (JST)
Received: from elsp215 by elss19.elsf.ncos.nec.co.jp (8.7.3/3.4W4-9

60228) id
SAA15760; Mon, ███████ 18:00:58 +0900 (JST)
MIME-Version: 1.0
Content-Type: multipart/mixed;
            boundary="-----=_NextPart_000_0322_01BFEA99.C277F300"
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 5.00.2615.200
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2615.200
Message-ID: <032501bfea4e$52db0fa0$ac17280a@e1sf.ncos.nec.co.jp>
Date: Mon, ███████ 18:07:50 +0900
Reply-To: tamurato <tamurato@e1sf.ncos.nec.co.jp>
Sender: "3GPP_TSG_CN_WG4: TSG Core Network group"
<3GPP_TSG_CN_WG4@LIST.ETSI.FR>
From: tamurato <tamurato@E1SF.NCOS.NEC.CO.JP>
Organization: NCOS
Subject: Three NEC contributions for N4 #3 /TrFO work shop #2
meeting
Comments: To: 3GPP_TSG_CN_WG4_TRFO@LIST.ETSI.FR
To: 3GPP_TSG_CN_WG4@LIST.ETSI.FR
X-UIDL: &00!T4@`!!k"*#!SO_!!
Status: U

Dear N4 and TrFO work shop attendees,

I am sending the following contributions for forthcoming N4 #3 /TrF
O work
shop #2.

TrFO : N4-000443 - How to obtain RFCI information in Core Network
TrFO : N4-000444 - TrFO call connection flow model
N4 : N4-000445 - CR 29.060-121 on Definition of TEID value in GTP-U
 header

Best regards,
NEC Tamurato
===
=======
Toshiyuki Tamura <NEC Corporation>
E-Mail : tamurato@e1sf.ncos.nec.co.jp , tamurato@iinet.ne.jp
Phone : +81-471-85-6954 FAX : +81-471-85-6962
===
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資料 3

Email Exploder / Discussion Lists

- About 3GPP
- Organizational Partners
- Project Coordination Group
- Technical Specification Group
- ➤ TSG CN
- ➤ TSG RAN
- ➤ TSG SA
- ➤ TSG T
- ➤ E-mail exploder Lists
- ↗ How to subscribe
- Meetings
- Participation
- Documents Area
- 3G Specifications
- Mobile Competence Centre

E-mail exploders have been created for the 3GPP.

One for overall 3GPP discussion and one each for the TSGs.

To subscribe to these lists please refer to the procedure.

- 3GPP_ORGANIZATION@LIST.ETSI.FR: 3GPP Discussion
- 3GPP_TSG_CN@LIST.ETSI.FR: TSG Core Network Discussion
- 3GPP_TSG_GERAN@LIST.ETSI.FR: TSG GSM EDGE Radio Access Network Discussion
- 3GPP_TSG_RAN@LIST.ETSI.FR: TSG Radio Access Network Discussion
- 3GPP_TSG_T@LIST.ETSI.FR: TSG Terminals Discussion
- 3GPP_TSG_SA@LIST.ETSI.FR: TSG Services and System Aspects Discussion

TSG Core Network E-mail lists:

- 3GPP_TSG_CN@LIST.ETSI.FR: TSG Core Network Discussion

- 3GPP_TSG_CN_WG1@LIST.ETSI.FR: TSG CN Working Group 1 MM/CC/SM (Iu)
- 3GPP_TSG_CN_WG2@LIST.ETSI.FR: TSG CN Working Group 2 CAMEL
- 3GPP_TSG_CN_WG3@LIST.ETSI.FR: TSG CN Working Group 3 Interworking with external networks
- 3GPP_TSG_CN_WG4@LIST.ETSI.FR: TSG CN Working Group 4 MAP/GTP / BCH/SS
- 3GPP_TSG_CN_WG5@LIST.ETSI.FR: TSG CN Working Group 5 OSA

TSG GSM EDGE Radio Access Network E-mail lists:

- 3GPP_TSG_GERAN@LIST.ETSI.FR: TSG GSM EDGE Radio Access Network Discussion

- 3GPP_TSG_GERAN_FUTURERAN : TSG GERAN FutureRAN
- 3GPP_TSG_GERAN_WG1 : TSG GERAN WG1
- 3GPP_TSG_GERAN_WG2 : TSG GERAN WG2
- 3GPP_TSG_GERAN_WG3 : TSG GERAN WG3
- 3GPP_TSG_GERAN_WG4 : TSG GERAN WG4
- 3GPP_TSG_GERAN_WG4_EDGE : ETSI TSG GERAN WG4_EDGE
- 3GPP_TSG_GERAN_WG4_GPRS : TSG GERAN WG4 GPRS
- 3GPP_TSG_GERAN_WG4_PCS1900 : TSG GERAN WG4 PCS1900
- 3GPP_TSG_GERAN_WG4_TTCN : TSG GERAN WG4 TTCN

TSG Radio Access Network E-mail lists:

- 3GPP_TSG_RAN@LIST.ETSI.FR: TSG Radio Access Network Discussion

- 3GPP_TSG_RAN_WG1@LIST.ETSI.FR: TSG RAN Working Group 1

- 3GPP_TSG_RAN_WG2@LIST.ETSI.FR: TSG RAN Working
  Group 2
- 3GPP_TSG_RAN_WG3@LIST.ETSI.FR: TSG RAN Working
  Group 3
- 3GPP_TSG_RAN_WG4@LIST.ETSI.FR: TSG RAN Working
  Group 4
- 3GPP_TSG_RAN_AHG1@LIST.ETSI.FR: TSG RAN Ad-hoc
  Group on ITU co-ordination

TSG Services and System Aspects E-mail lists:

- 3GPP_TSG_SA@LIST.ETSI.FR: TSG Services and System
  Aspects Discussion

- 3GPP_TSG_SA_WG1@LIST.ETSI.FR: TSG SA Working Group
  1 Services
- 3GPP_TSG_SA_WG2@LIST.ETSI.FR: TSG SA Working Group
  2 Architecture
- 3GPP_TSG_SA_WG3@LIST.ETSI.FR: TSG SA Working Group
  3 Security
- 3GPP_TSG_SA_WG4@LIST.ETSI.FR: TSG SA Working Group
  4 CODEC
- 3GPP_TSG_SA_WG5@LIST.ETSI.FR: TSG SA Working Group
  5 Network Management

TSG Terminals E-mail lists:

- 3GPP_TSG_T@LIST.ETSI.FR: TSG Terminals Discussion

- 3GPP_TSG_T_WG1@LIST.ETSI.FR: TSG T Working Group 1
  Mobile Terminal Conformance testing
- 3GPP_TSG_T_WG2@LIST.ETSI.FR: TSG T Working Group 2
  Mobile Terminal Services & Capabilities
- 3GPP_TSG_T_WG3@LIST.ETSI.FR: TSG T Working Group 3
  USIM

Other E-mail lists (Workshops, etc., of a temporary
nature):

- 3GPP_L123_HOOK_EXT@LIST.ETSI.FR: Hooks and
  Extensions Workshop List

⚠ More lists may be available and used inside each
group
To view which lists exist:
http://www.lsoft.com/scripts/wl.exe?XH=LIST.ETSI.FR

Last review : 2000-08-10 by 3GPPContact @

Discussion Lists

資料4

How to subscribe

About 3GPP

Organizational
Partners

Project
Coordination Group

Technical
Specification
Group

> TSG CN

> TSG RAN

> TSG SA

> TSG I

> Discussion Lists

How to subscribe

Meetings

Participation

Documents Area

3G Specifications

Mobile Competence
Centre

E-mail exploders have been created for the 3GPP:

To subscribe to these lists please send the
following information to listserv@list.etsi.fr @

    subscribe LISTNAME (YourFirstName
    YourLastName)

    where LISTNAME is the name of the list
    they wish to subscribe to, and

    YourFirstName and YourLastName are
    replaced by the first name and last name
    of the person subscribing.

    This must be placed in the body (not the
    subject) of a message (see example).

```
FROM: your_email@account
   TO: LISTSERV@LIST.ETSI.FR
   CC:
Subject:
_____MAIN BODY_____

SUBSCRIBE 3GPP_TSG_RAN_WG1 (YourFirstName
YourLastName)
```

To Unsubscribe to these lists please send the
following information to listserv@list.3GPP.org @

    signoff LISTNAME

    (see example)

```
FROM: your_email@account
   TO: LISTSERV@LIST.ETSI.FR
   CC:
Subject:
_____MAIN BODY_____

SIGNOFF 3GPP_TSG_RAN_WG1
```

NOTE:- For the moment, the 3GPP email exploder and
the ETSI email exploder are sharing the same server.
You may occasionally found references to its ETSI
alias - @LIST.ETSI.FR or to its 3GPP alias -
@LIST.3GPP.ORG.

LIST OF EMAIL EXPLODERS

One for overall 3GPP discussion and one each for the
TSGs discussion.

    • 3GPP_ORGANIZATION@LIST.ETSI.FR:
    3GPP Discussion

TSG Core Network E-mail lists:

- 3GPP_TSG_CN@LIST.ETSI.FR : TSG Core
  Network Discussion

- 3GPP_TSG_CN_WG1@LIST.ETSI.FR: TSG
  CN Working Group 1 MM/CC/SM (Iu)
- 3GPP_TSG_CN_WG2@LIST.ETSI.FR: TSG
  CN Working Group 2 CAMEL
- 3GPP_TSG_CN_WG3@LIST.ETSI.FR: TSG
  CN Working Group 3 Interworking
  with external networks
- 3GPP_TSG_CN_WG4@LIST.ETSI.FR: TSG
  CN Working Group 4 MAP/GTP / BCH/SS
- 3GPP_TSG_CN_WG5@LIST.ETSI.FR: TSG
  CN Working Group 5 OSA

TSG Radio Access Network E-mail lists:

- 3GPP_TSG_RAN@LIST.ETSI.FR : TSG
  Radio Access Network Discussion

- 3GPP_TSG_RAN_WG1@LIST.ETSI.FR: TSG
  RAN Working Group 1
- 3GPP_TSG_RAN_WG2@LIST.ETSI.FR: TSG
  RAN Working Group 2
- 3GPP_TSG_RAN_WG3@LIST.ETSI.FR: TSG
  RAN Working Group 3
- 3GPP_TSG_RAN_WG4@LIST.ETSI.FR: TSG
  RAN Working Group 4
- 3GPP_TSG_RAN_AHG1@LIST.ETSI.FR: TSG
  RAN Ad-hoc Group on ITU
  co-ordination

TSG Services and System Aspects E-mail lists:

- 3GPP_TSG_SA@LIST.ETSI.FR : TSG
  Services and System Aspects
  Discussion

- 3GPP_TSG_SA_WG1@LIST.ETSI.FR: TSG
  SA Working Group 1 Services
- 3GPP_TSG_SA_WG2@LIST.ETSI.FR: TSG
  SA Working Group 2 Architecture
- 3GPP_TSG_SA_WG3@LIST.ETSI.FR: TSG
  SA Working Group 3 Security
- 3GPP_TSG_SA_WG4@LIST.ETSI.FR: TSG
  SA Working Group 4 CODEC
- 3GPP_TSG_SA_WG5@LIST.ETSI.FR: TSG
  SA Working Group 5 Network
  Management

TSG Terminals E-mail lists:

- 3GPP_TSG_T@LIST.ETSI.FR : TSG
  Terminals Discussion

- 3GPP_TSG_T_WG1@LIST.ETSI.FR: TSG T
  Working Group 1 Mobile Terminal
  Conformance testing
- 3GPP_TSG_T_WG2@LIST.ETSI.FR: TSG T
  Working Group 2 Mobile Terminal
  Services & Capabilities
- 3GPP_TSG_T_WG3@LIST.ETSI.FR: TSG T
  Working Group 3 USIM

Other E-mail lists (Workshops, etc., of a temporary

nature):

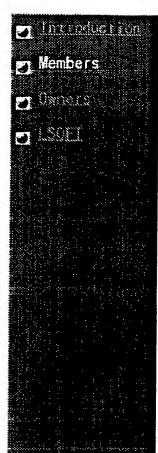- **3GPP_L123_HOOK_EXT@LIST.ETSI.FR** :
  Hooks and Extensions Workshop

To get more information about all the listserv
options follow this link:
http://www.etsi.org/userguides/listserv/members/

⚠ More lists are available and used inside each
group
To view which lists exist:
http://www.lsoft.com/scripts/wl.exe?XH=LIST.ETSI.FR

Last review : 2000-07-03 by 3GPPContact@

- Introduction
- Members
- Owners
- LSOFT

LISTSERV
Members
What lists exist

LISTS Global

All known lists, one line per list, sent as a (large!) file. Only LISTSERV maintainers may request this list, as it has become a favorite pastime of Internet mailbombers to issue LIST GLOBAL commands on behalf of users whose mailboxes they wish to bomb. You should direct users who request "the whole list of lists" to L-Soft's CataList service at the WWW URL

http://www.lsoft.com/scripts/wl.exe?XH=LIST.ETSI.FR

Last review: 2000/01/24 by Frederic Curroux

資料 5

L-Soft

Lists hosted at LIST.ETSI.FR

<u>3GPP</u>
> 3GPP_SA1_ServiceWorkshop : list for 3GPP TSG SA Working Group 1 Service Workshop *(1 subscriber)*

<u>3GPP ALGO</u>
> 3GPP_ALGO: Encryption Algorithm Licensing Ad Hoc group *(26 subscribers)*

<u>3GPP FFG</u>
> 3GPP_FFG :3GPP list *(11 subscribers)*

<u>3GPP GSMTRANS</u>
> 3GPP_GSMTRANS: ETSI->3GPP Work Transfer Ad Hoc group *(39 subscribers)*

<u>3GPP HODS</u>
> 3GPP_HODs : 3GPP_HODs list *(no subscriber)*

<u>3GPP L123 HOOK EXT</u>
> 3GPP_L123_Hook_Ext: 3GPP L123 Hook Extension mailing list *(48 subscribers)*

<u>3GPP MRP</u>
> 3GPP_MRP: Market Representation Partners *(14 subscribers)*

<u>3GPP OBS</u>
> 3GPP_OBS: Observers *(4 subscribers)*

<u>3GPP OP</u>
> 3GPP_OP: Organization Partners *(30 subscribers)*

<u>3GPP ORGANIZATION</u>
> 3GPP_organization: 3GPP discussion group *(502 subscribers)*

<u>3GPP PCG</u>
> 3GPP_PCG: Project Coordination Group *(69 subscribers)*

<u>3GPP TSG CN</u>
> 3GPP_TSG_CN: TSG Core Network group *(622 subscribers)*

<u>3GPP TSG CN AH ITUT</u>
> 3GPP_TSG_CN_AH_ITUT: TSG CN ITU-T Ad-Hoc Group *(9 subscribers)*

<u>3GPP TSG CN GPRS</u>
> 3GPP_TSG_CN_GPRS: TSG Core Network group *(54 subscribers)*

<u>3GPP TSG CN MNP</u>
> 3GPP_TSG_CN_MNP: TSG Core Network group *(20 subscribers)*

<u>3GPP TSG CN SS ADHOC</u>
> 3GPP_TSG_CN_SS_adhoc: TSG Core Network Supplementary Services ad-hoc Group *(83 subscribers)*

<u>3GPP TSG CN VHE-OSA</u>
> 3GPP_TSG_CN_VHE-OSA : 3GPP_TSG_CN_VHE-OSA list *(53 subscribers)*

<u>3GPP TSG CN WG1</u>
> 3GPP_TSG_CN_wg1: TSG CN Working Group 1 *(664 subscribers)*

<u>3GPP TSG CN WG2</u>
> 3GPP_TSG_CN_wg2: TSG CN Working Group 2 *(407 subscribers)*

<u>3GPP TSG CN WG2 GPRS</u>
> 3GPP_TSG_CN_wg2_gprs: TSG Core Network group *(25 subscribers)*

<u>3GPP TSG CN WG2 MAP</u>
> 3GPP_TSG_CN_wg2_map: TSG Core Network group *(13 subscribers)*

<u>3GPP TSG CN WG3</u>
> 3GPP_TSG_CN_wg3: TSG CN Working Group 3 *(307 subscribers)*

<u>3GPP TSG CN WG4</u>
> 3GPP_TSG_CN_WG4: TSG Core Network group *(360 subscribers)*

<u>3GPP TSG CN WG4 TREO</u>

3GPP_TSG_CN_WG4_TRFO: TSG Core Network group *(84 subscribers)*

3GPP TSG CN WG5

3GPP_TSG_CN_WG5: TSG Core Network group *(194 subscribers)*

3GPP TSG CN WG5 CALLCONTROL

3GPP_TSG_CN_WG5_Callcontrol : TSG CN WG5 Call control mailing list *(6 subscribers)*

3GPP TSG CN WG5 JOINTCALLCONTROL

3GPP_TSG_CN_WG5_JointCallcontrol : TSG CN WG5 Call control mailing list *(180 subscribers)*

3GPP TSG GERAN

3GPP_TSG_GERAN : list for ETSI TSG GERAN mailing *(762 subscribers)*

3GPP TSG GERAN FUTURERAN

3GPP_TSG_GERAN_FutureRAN : list for ETSI TSG GERAN FutureRAN mailing *(269 subscribers)*

3GPP TSG GERAN WG1

3GPP_TSG_GERAN_WG1 : list for ETSI TSG GERAN WG1 mailing *(238 subscribers)*

3GPP TSG GERAN WG2

3GPP_TSG_GERAN_WG2 : list for ETSI TSG GERAN WG2 mailing *(300 subscribers)*

3GPP TSG GERAN WG3

3GPP_TSG_GERAN_WG3 : list for ETSI TSG GERAN WG3 mailing *(55 subscribers)*

3GPP TSG GERAN WG4

3GPP_TSG_GERAN_WG4 : list for ETSI TSG GERAN WG4 mailing *(149 subscribers)*

3GPP TSG GERAN WG4 EDGE

3GPP_TSG_GERAN_WG4_EDGE : list for ETSI TSG GERAN WG4_EDGE mailing *(51 subscribers)*

3GPP TSG GERAN WG4 GPRS

3GPP_TSG_GERAN_WG4_GPRS : list for ETSI TSG GERAN WG4 GPRS mailing *(102 subscribers)*

3GPP TSG GERAN WG4 PCS1900

3GPP_TSG_GERAN_WG4_PCS1900 : list for ETSI TSG GERAN WG4 PCS1900 mailing *(47 subscribers)*

3GPP TSG GERAN WG4 TTCN

3GPP_TSG_GERAN_WG4_TTCN : list for ETSI TSG GERAN WG4 TTCN mailing *(36 subscribers)*

3GPP TSG LEADERS

3GPP_TSG_Leaders: TSG Leaders Group *(69 subscribers)*

3GPP TSG RAN

3GPP_TSG_RAN: TSG Radio Access Network group *(886 subscribers)*

3GPP TSG RAN ADHOC

3GPP_TSG_RAN_ADHOC: TSG RAN Ad Hoc meetings *(140 subscribers)*

3GPP TSG RAN AHG1

3GPP_TSG_RAN_AHG1: TSG RAN Ad-hoc Group on ITU co-ordination *(85 subscribers)*

3GPP TSG RAN WG1

3GPP_TSG_RAN_WG1: TSG RAN Working Group 1 *(1,061 subscribers)*

3GPP TSG RAN WG2

3GPP_TSG_RAN_WG2: TSG RAN Working Group 2 *(1,045 subscribers)*

3GPP TSG RAN WG3

3GPP_TSG_RAN_WG3: TSG RAN Working Group 3 *(721 subscribers)*

3GPP TSG RAN WG4

3GPP_TSG_RAN_WG4: TSG RAN Working Group 4 *(750 subscribers)*

3GPP TSG RAN WG4 TEM

3GPP_TSG_RAN_WG4_TEM : Test Equipment Ad hoc mailing list *(43 subscribers)*

3GPP TSG SA

3GPP_TSG_SA: TSG System Aspects group *(681 subscribers)*

3GPP TSG SA IGC

3GPP_TSG_SA_IGC: Inter Group Co-ordination discussion list *(no subscriber)*

3GPP TSG SA IGC BEARER&QOS

3GPP_TSG_SA_IGC_Bearer&QoS: Co-ordination on Bearer Services and QoS *(13 subscribers)*

3GPP TSG SA IGC GUINTEROP&MM

3GPP_TSG_SA_IGC_GUinterop&MM: Inter Group Co-ordination on GSM/UMTS *(6 subscribers)*

3GPP TSG SA IGC LCS

3GPP_TSG_SA_IGC_LCS: Inter Group Co-ordination on Location Based Services *(36 subscribers)*

3GPP TSG SA IGC PS&CS

3GPP_TSG_SA_IGC_PS&CS: Co-ordination on Packet Switched and Circuit *(19 subscribers)*

3GPP TSG SA IGC SECURITY

3GPP_TSG_SA_IGC_Security: Inter Group Co-ordination on Security *(9 subscribers)*

3GPP TSG SA IGC SERVICES

3GPP_TSG_SA_IGC_Services: Inter Group Co-ordination on Services *(9 subscribers)*

3GPP TSG SA WG1

3GPP_TSG_SA_WG1: TSG SA Services *(752 subscribers)*

3GPP TSG SA WG1 GLOBALTEXT

3GPP_TSG_SA_WG1_GlobalText: 3GPP discussion group *(25 subscribers)*

3GPP TSG SA WG1 S1 NETSELECT

3GPP_TSG_SA_WG1_S1_NetSelect: 3GPP discussion group *(27 subscribers)*

3GPP TSG SA WG2

3GPP_TSG_SA_WG2: TSG SA Architecture *(1,000 subscribers)*

3GPP TSG SA WG3

3GPP_TSG_SA_WG3: TSG SA Security *(368 subscribers)*

3GPP TSG SA WG3 LI

3GPP_TSG_SA_WG3_LI: (TSG SA WG3 Lawful Interception Group) *(65 subscribers)*

3GPP TSG SA WG4

3GPP_TSG_SA_WG4: TSG SA CODEC *(490 subscribers)*

3GPP TSG SA WG5

3GPP_TSG_SA_WG 5: TSG SA5 Telecoms Management *(289 subscribers)*

3GPP TSG T

3GPP_TSG_T: TSG Terminals group *(461 subscribers)*

3GPP TSG T WG1

3GPP_TSG_T_WG1: TSG T MT conformance *(287 subscribers)*

3GPP TSG T WG1 EMC

3GPP_TSG_T_WG1_EMC: TSG T1 EMC subworking group *(47 subscribers)*

3GPP TSG T WG1 RF

3GPP_TSG_T_WG1_RF: TSG T1 RF subworking group *(85 subscribers)*

3GPP TSG T WG1 SIG

3GPP_TSG_T_WG1_Sig: TSG T1 Signalling subworking group *(121 subscribers)*

3GPP TSG T WG2

3GPP_TSG_T_WG2: TSG T MT Services and Capabilities *(439 subscribers)*

3GPP TSG T WG2 SWG1

3GPP_TSG_T_WG2_SWG1 : Execution Environment *(162 subscribers)*

3GPP TSG T WG2 SWG2

3GPP_TSG_T_WG2_SWG2 : Terminal Interfaces *(125 subscribers)*

3GPP TSG T WG2 SWG3

3GPP_TSG_T_WG2_SWG3 : Messaging *(150 subscribers)*

3GPP TSG T WG3

3GPP_TSG_T_WG3: TSG T3 USIM *(376 subscribers)*

3GPP TSG T WG3 API

3GPP_TSG_T_WG3_API: TSG-T3 API Sub Working Group discussion *(45 subscribers)*

3GPP TSG T WG3 TEST

3GPP_TSG_T_WG3_TEST: T3 Testing related discussion *(110 subscribers)*

3GPP TSG T WG3 USAT

3GPP_TSG_T_WG3_USAT: TSG-T3 USIM Application Toolkit Discussion *(286 subscribers)*

3GPP WORKSHOP HO

3GPP_WORKSHOP_HO: 3GPP Workshop on Handover and Cell Selection *(15 subscribers)*

ADMIN GROUP

ADMIN_GROUP : ADMIN_GROUP list *(63 subscribers)*

APPLICATIONS

applications: Open Discussion – Services and Application of Services *(10 subscribers)*

AT

AT: TC Access & Terminals – The ETSI "home" for terminal matters *(103 subscribers)*

AT-A

AT-A: TC AT Working Group for Conventional Analogue Technologies *(60 subscribers)*

AT-D

AT-D: TC AT Working group for digital technologies *(60 subscribers)*
AT-F 👁
AT-F: TC AT Working group for Enhanced Features *(55 subscribers)*
AT-SMS
At-sms : AT-SMS *(26 subscribers)*
AT-TBR 👁
AT-TBR : AT-TBR *(22 subscribers)*
AT ANNOUNCE 👁
AT_announce: AT_announce list *(11 subscribers)*
AT A ANNOUNCE 👁
AT Analogue announce list *(12 subscribers)*
AT D ANNOUNCE 👁
AT Digital announce list *(4 subscribers)*
AT F ANNOUNCE 👁
AT Features announce list *(7 subscribers)*
BOARD OPEN
BOARD_OPEN : Board Discussion group: all TBs' docs. open to the world? *(18 subscribers)*
BOARD SMGOR3GPP 👁
BOARD_SMGor3GPP: The assessment of transferring the edge from SMG to 3GPP *(35 subscribers)*
BRAN
BRAN: Broadband Radio Access Networks mailing list *(272 subscribers)*
BRAN 5 GHZ GSG 👁
BRAN_5_GHZ_GSG: ETSI BRAN 5 GHz Globalization Study Group *(86 subscribers)*
BRAN ANNOUNCE 👁
Broadband Radio Access Networks announcement list *(37 subscribers)*
BRAN HA
BRAN_HA: BRAN HIPERACCESS Standards Area mailing list *(148 subscribers)*
BRAN HETF
BRAN_HETF: BRAN HETF list *(77 subscribers)*
BRAN HK
BRAN_HK: BRAN HIPERLINK Standards Area mailing list *(17 subscribers)*
BRAN HL
BRAN_HL: BRAN HIPERLAN/2 Standards Area mailing list *(222 subscribers)*
BRAN HL SPECTRUM
BRAN_HL_SPECTRUM: BRAN HIPERLAN/2 SPECTRUM GROUP *(89 subscribers)*
BRAN HL TESTING
BRAN_HL_TESTING: BRAN HIPERLAN/2 conformance testing *(57 subscribers)*
BRAN SDL
BRAN_SDL: BRAN SDL team members *(42 subscribers)*
BROADCAST 👁
BROADCAST : EBU/CENELEC/ETSI Joint Technical Committee *(64 subscribers)*
BROADCAST ANNOUNCE 👁
BROADCAST Announcement list *(4 subscribers)*
BROADCAST DOCSIS
BROADCAST_DOCSIS : JTC Broadcast ad hoc group for the DOCSIS standard *(39 subscribers)*
CATV CO-ORD 👁
CATV_CO-ORD:ETSI co-ordination for CATV matters (CENELEC TC 209) *(35 subscribers)*
CENELEC ETSI IWG EMC 👁
CENELEC_ETSI_JWG_EMC : CENELEC/ETSI *(66 subscribers)*
CHSCT
CHSCT: CHSCT mailing list *(7 subscribers)*
CVP Common Visibility project *(14 subscribers)*
DECT A
DECT_A : ETSI DECT Non-Testing Sub-Project mailing list *(71 subscribers)*
DECT A ANNOUNCE 👁
DECT A announce list *(5 subscribers)*
DECT T 👁
DECT_T : DECT Testing Sub-Project *(41 subscribers)*
DECT T ANNOUNCE 👁

DECT T announce list *(4 subscribers)*
DELIVERABLE-NOTIFICATIONS
DELIVERABLE-NOTIFICATIONS : Deliverable Notifications *(173 subscribers)*
EDS-NEWS
EDS-NEWS: ETSI Documentation Service News *(46 subscribers)*
EE
ENVIRONMENTAL ENGINEERING Technical Committee discussion list *(81 subscribers)*
EE1
EE1 : Environmental Conditions *(37 subscribers)*
EE1 ANNOUNCE
EE 1 announce list *(4 subscribers)*
EE2
EE2 : Power Supply *(44 subscribers)*
EE2 ANNOUNCE
EE 2 announce list *(2 subscribers)*
EESSI
EESSI: European Electronique Signature Standardization Initiative *(29 subscribers)*
EE ANNOUNCE
ENVIRONMENTAL ENGINEERING Announce list *(4 subscribers)*
EFT
EFT : ETSI Future's Team *(106 subscribers)*
EL-SIGN
EL-Sign: Electronic Signatures – Open Discussion *(250 subscribers)*
EOL-ANNOUNCE
News and announcements about ETSI On-Line services *(244 subscribers)*
EPDECT
EPDECT : ETSI Project DECT discussion list including Sub-Project subscribers *(84 subscribers)*
EPDECT ANNOUNCE
Announce list for ETSI Project DECT *(5 subscribers)*
ERC ETSI
ERC_ETSI : ERC / ETSI Officials meeting, distribution list *(28 subscribers)*
ERM
ERM : EMC and Radio Spectrum Matters distribution *(164 subscribers)*
ERMCC
ERMCC: ERM Co-ordination Committee *(32 subscribers)*
ERM ACEA
ERM_ACEA : ACEA/ETSI meetings *(21 subscribers)*
ERM ANNOUNCE
erm_announce : EMC and Radio Spectrum Matters distribution *(167 subscribers)*
ERM EMC
ERM_EMC : ERM WG on Electromagnetic Compatibility *(104 subscribers)*
ERM EMC ANNOUNCE
ERM EMC announce list *(8 subscribers)*
ERM EMC TG1
ERM_EMC_TG1 : Non-regulatory EMC for fixed network equipment *(24 subscribers)*
ERM EMC TG12
ERM_EMC_TG12 : Revision of ETS 300 673 *(2 subscribers)*
ERM ITU-R WP8A
ERM_ITU-R_WP8A : Preparation for ITU-R WP8A *(5 subscribers)*
ERM ITU-R WP8A P
ERM_ITU-R_WP8A_P : ITU-R WP8A participants *(3 subscribers)*
ERM LIAISON
ERM_liaison : external liaison statements from TC ERM *(7 subscribers)*
ERM RM
ERM_RM : Radio Matters *(76 subscribers)*
ERM RM ANNOUNCE
ERM_RM : Radio Matters *(52 subscribers)*
ERM RM TG1
ERM_RM_TG1: TC ERM RM TG1 list *(7 subscribers)*
ERM RP01

ERM_RP01 : Maritime Radio *(35 subscribers)*
ERM RP01 ANNOUNCE
    ERM RP01 announce list *(no subscriber)*
ERM RP02
    ERM_RP02 : Land Mobile Radio 'A' *(33 subscribers)*
ERM RP02 ANNOUNCE
    ERM RP02 announce list *(no subscriber)*
ERM RP02 CB
    ERM_RP02_CB : Clarification of the measurements for CB equipment *(2 subscribers)*
ERM RP02 DIIS
    ERM_RP02_DIIS : DIIS protocol (W.I. DE/ERM-RP02-032) *(24 subscribers)*
ERM RP02 MEAS
    ERM_RP02_MEAS: Discussion Group on measurement uncertainty *(12 subscribers)*
ERM RP02 NB
    ERM_RP02_NB : Land Mobile Radio 'A' Narrowband discussion group *(4 subscribers)*
ERM RP04
    ERM_RP04 : Land Mobile Radio 'B' *(10 subscribers)*
ERM RP05
    ERM_RP05 : Aeronautical Radio *(40 subscribers)*
ERM RP05 AM
    ERM_RP05_AM: Drafting group for Aeronautical 25 & 8,33kHz AM *(24 subscribers)*
ERM RP05 ANNOUNCE
    ERM RP05 announce list *(1 subscriber)*
ERM RP05 VDL
    ERM_RP05_VDL: Draft ENs for VDL mode 2 and 4 produced by STF 148 *(25 subscribers)*
ERM RP08
    ERM_RP08 : Land Mobile Radio 'C' *(62 subscribers)*
ERM RP08 ANNOUNCE
    ERM RP08 announce list *(2 subscribers)*
ERM RP08 TG1
    ERM_RP08_TG1 : General Short Range Devices *(14 subscribers)*
ERM RP08 TG2
    ERM_RP08_TG2 : Automotive, Road transport and traffic Telematics *(9 subscribers)*
ERM RP08 TG3
    ERM_RP08_TG3: Wireless Audio/Video Applications *(59 subscribers)*
ERM RP11
    ERM_RP11: Radio site engineering *(13 subscribers)*
ERM RP11 ANNOUNCE
    ERM RP11 announce list *(2 subscribers)*
ERM TG11
    ERM_TG11 : Radio LANs *(24 subscribers)*
ERM TG12
    ERM_TG12 : R&TTE activities within TC ERM *(23 subscribers)*
ERM TG13
    ERM_TG13 : Cordless Telephony *(4 subscribers)*
ERM TG14
    ERM_TG14 : Radio Interfaces under Article 4.2 of the R&TTE Directive *(42 subscribers)*
ERM TG15
    ERM_TG15 : EMC Standard for airborne radio communications equipment *(3 subscribers)*
ERM TG17
    ERM_TG17 : Standards for broadcast and ancillary communications equipment *(84 subscribers)*
ERM TG4
    ERM_TG4 : Automotive Directive (95/54/EC) conseq for radiocomm equip *(36 subscribers)*
ERM TG5
    ERM_TG5 : Maritime EMC *(14 subscribers)*
ERM TG8
    ERM_TG8 : Study on CB Radio compatibility *(12 subscribers)*
ETSAG
    ETSAG : ETSAG list *(21 subscribers)*
ETSI-NEWS

ETSI-NEWS: Technical News, General News and Press announcements from ETSI *(2,909 subscribers)*

ETSI-PRESSCUTTINGS
ETSI-PRESSCUTTINGS: Press cuttings on High Focus Areas *(no subscriber)*

ETSIWEBSTATS
etsiwebstats: etsiwebstats mailing list *(19 subscribers)*

ETSI COMPETITION LAW
ETSI_COMPETITION_LAW: ETSI_COMPETITION_LAW/Contact list *(84 subscribers)*

EXECOM
EXECOM : EXECOM members *(14 subscribers)*

GMR
GMR : ETSI TC SES GEO_Mobile_Radio (GMR) for electronic document review *(17 subscribers)*

GSC GSC : GSC members *(104 subscribers)*

GSC-EWG
GSC-EWG : GSC Electronic Working Group *(17 subscribers)*

GSC-IMT-2000
GSC-IMT-2000 : Global Standards Collaboration IMT-2000 *(5 subscribers)*

GSC-IPR
GSC-IPR: GSC Intellectual Property Rights *(8 subscribers)*

GSC-USER
GSC-User : GSC User Group *(17 subscribers)*

HF
HF : ETSI TC Human Factors (HF) *(32 subscribers)*

HF ANNOUNCE
HF announcement list *(2 subscribers)*

ICTSB D-FAST
listname : ICTSB_D-FAST *(20 subscribers)*

INTERFACES
interfaces: Open Discussion - Interfaces *(6 subscribers)*

INTERNET-TROUBLE
internet-trouble: Internet Trouble mailing list *(16 subscribers)*

IRON SRS
IRON_SRS : ETSI IRON SRS list *(1 subscriber)*

JEEC
JEEC : For anyone interested in the work of Joint ETSI/ECMA Co-operation *(9 subscribers)*

JOINTNM
JOINTNM: Joint group on management aspects of integrated switched circuits and IP networks *(180 subscribers)*

JOINT SMG1+4+12 MULTIMEDIA
Joint_SMG1+4+12_Multimedia : Joint_SMG1+4+12_Multimedia *(25 subscribers)*

JOINT SMG2+3+4 GPRS
JOINT_SMG2+3+4_GPRS : SMG2,3,4 GPRS Notification distribution *(120 subscribers)*

JWG-TC74
JWG-TC74 : ETSI TC Safety/CLC TC74 Working Group 1 *(30 subscribers)*

JWG TC74 ANNOUNCE
Safety JWG TC74 announce list *(3 subscribers)*

LAN-INTERC
LAN-interc: Open Discussion - LAN-interconnection *(1 subscriber)*

MSG
MSG : *(310 subscribers)*

MTS-ECN
MTS-ECN: MTS-ECN/ To work on extensions to ASN.1 *(3 subscribers)*

MTS-GEN
MTS-GEN : MTS-GEN / mainly organisation, or policy matters *(48 subscribers)*

MTS-INTERVAL
MTS-INTERVAL : MTS-INTERVAL *(48 subscribers)*

MTS-TLN
MTS-TLN : MTS-TLN / Technical Languages & Notations *(28 subscribers)*

MTS-TSP1
MTS-TSP1: MTS-TSP1 / Enhanced versions of TSP1 *(23 subscribers)*

MTS-TTCN 🔹
    MTS-TTCN : MTS-TTCN / contributions to ISO 9646-3 Ed. 2+ *(32 subscribers)*

MTS ANNOUNCE 🔹
    MTS announcement list *(1 subscriber)*

M COMMERCE 🔹
    M_COMMERCE: Mobile Commerce *(52 subscribers)*

M COMMERCE ANNOUNCE 🔹
    M_COMMERCE_ANNOUNCE: Mobile Commerce Announce list *(32 subscribers)*

NA2 TIPHON
    NA2_TIPHON: NA2 WG on Tiphon matters *(22 subscribers)*

NEW APPROACH
    New_approach: New Approach FTP status report *(no subscriber)*

NSO-ALL
    NSO-all: Contains all NSO lists *(no subscriber)*

NSO1
    NSO1 :List for demonstration *(no subscriber)*

NSO2
    NSO2 :List for demonstration *(1 subscriber)*

NSO INFO
    NSO_INFO : Distribution list for NSO Information *(62 subscribers)*

NSO NOTICE
    NSO_NOTICE : Distribution list for NSO Information *(39 subscribers)*

NUMB-PORT 🔹
    Numb-Port: Open Discussion – Number Portability *(12 subscribers)*

NUMBERING 🔹
    Numbering: Open Discussion – Numbering *(8 subscribers)*

OCG 🔹
    OCG: list of OCG Members (EP and TC Chairmen) *(66 subscribers)*

OCG RTTED 🔹
    OCG_RTTED : Steering Committee on Harmonised Standards *(89 subscribers)*

PEX   PEX Group : ETSI Seminar on 4 May 1998 *(no subscriber)*

PLT 🔹
    PLT : ETSI Project Powerline Telecommunications *(100 subscribers)*

PLT ANNOUNCE 🔹
    ETSI Project Powerline Telecommunications announcement list *(15 subscribers)*

PLT SERVICES 🔹
    PLT_SERVICES : ETSI Project Powerline Telecommunications *(16 subscribers)*

PORTAL 🔹
    portal: ETSI collaborative portal exchange area *(26 subscribers)*

PSO-DISCUSS 🔹
    PSO-Discuss : *(17 subscribers)*

PSPP OBS 🔹
    PSPP_OBS: Observers *(4 subscribers)*

PSPP ORGANIZATION 🔹
    PSPP_Organization: PSPP discussion group *(33 subscribers)*

PSPP P 🔹
    PSPP_P: Public Safety Partners *(6 subscribers)*

PSPP SC 🔹
    PSPP_SC: PSPP Steering Committee *(35 subscribers)*

PSPP SSG SA 🔹
    PSPP_SSG_SA: Services and Applications group *(44 subscribers)*

PSPP TSG CN 🔹
    PSPP_TSG_CN: TSG Core Network group *(35 subscribers)*

PSPP TSG RA
    PSPP_TSG_RA: Radio Access group *(47 subscribers)*

PSPP TSG RAN 🔹
    PSPP_TSG_RA: Radio Access group *(43 subscribers)*

PSPP TSG T 🔹
    PSPP_TSG_T: Terminals group *(45 subscribers)*

RAST
    RAST : RAST members *(75 subscribers)*

RAST8
    rast8: information distribution with the RAST 8 members *(1 subscriber)*
RESID-GATEWAY
    Resid-Gateway: Open Discussion - Residential Gateway *(12 subscribers)*
S1 AAEW
    S1_ AAEW : Automatic Application Environment Working Party *(16 subscribers)*
S1 ANSI-41
    S1_ANSI-41 : list for S1_ANSI-41 *(21 subscribers)*
S1 CAMEL
    S1_CAMEL : list for ETSI STC SMG1 mailing *(84 subscribers)*
S1 CHARGING
    S1_charging : list S1_Charging *(30 subscribers)*
S1 DISCUSS
    S1_Discuss : list for ETSI STC S1_Discuss mailing *(81 subscribers)*
S1 HANDOVER
    S1_Handover : list S1_Handover *(43 subscribers)*
S1 IP
    S1_IP : list for 3GPP S1_IP mailing *(196 subscribers)*
S1 LCS
    S1_LCS : list S1 on Location Based Services *(65 subscribers)*
S1 MM
    SMG1 : list for S1_MM *(92 subscribers)*
S1 MULTICALL
    S1_Multicall : list S1_Multicall *(49 subscribers)*
S1 QOS
    S1_QoS : list S1_QoS *(49 subscribers)*
S1 SMS
    S1_SMS : list S1_SMS *(37 subscribers)*
S1 VHE
    S1_VHE : list S1_VHE *(97 subscribers)*
SA1 OSA
    SA1_OSA : list for 3GPP TSG SA Working Group 1 OSA mailing *(76 subscribers)*
SAFETY
    SAFETY : ETSI TC Safety for telecommunications equipment safety *(99 subscribers)*
SAFETY-WG-RADIO
    SAFETY-WG-RADIO : Human exposure to electro-magnetic fields. *(58 subscribers)*
SAFETY ANNOUNCE
    SAFETY announcement list *(7 subscribers)*
SAFETY WG RADIO ANNOUNCE
    SAFETY WG RADIO announce list *(6 subscribers)*
SCP ANNOUNCE
    SCP_Announce : ETSI Project Smart Card Platform - Annoucements list *(187 subscribers)*
SCP PLENARY
    SCP_Plenary : ESTI Project Smart Card Platform *(189 subscribers)*
SECURITY
    Security: Open Discussion - Security of Information/Privacy *(23 subscribers)*
SEC ANNOUNCE
    TC Security announcement list *(3 subscribers)*
SEC ESI
    SEC_ESI : ETSI Security Electronic Signature Infrastructure WG *(97 subscribers)*
SEC ESI ANNOUNCE
    SEC_ESI announce list *(1 subscriber)*
SEC ESI ETSI
    SEC_ESI_ETSI : Security Electronic Signature Infrastructure *(33 subscribers)*
SEC LI
    SEC_LI : TC Security LI Working Group Members *(86 subscribers)*
SEC LI ANNOUNCE
    SEC_LI announce list *(1 subscriber)*
SEC LI IP
    SEC_LI_IP : TC Security LI_WorkingGroup IP_SubWorkingGroup Members *(30 subscribers)*
SEC TC

SEC_TC : TC Security *(42 subscribers)*

SERV-MGMT

serv-mgmt : Open Discussion – Info provided by PNO/SP *(6 subscribers)*

SES

SES : ETSI TC Satellite Earth Stations and Systems (SES) *(87 subscribers)*

SES ADHOC R&TTE

SES_AdHoc_R&TTE : ETSI TC SES ad hoc group on R&TTE matters *(45 subscribers)*

SES ANNOUNCE

: ETSI TC Satellite Earth Stations and Systems announcement list *(4 subscribers)*

SES BSM

SES_BSM : SES_BSM (Broadband Satellite Multimedia) *(38 subscribers)*

SES GMR

SES_GMR : ETSI TC SES GEO_Mobile_Radio (GMR) interface working group *(19 subscribers)*

SES GMR ANNOUNCE

SES GMR announce list *(2 subscribers)*

SES KA-BAND

SES_Ka-Band: ETSI TC Satellite Earth Stations and Systems (SES) WG Ka-Band *(29 subscribers)*

SES KA-BAND ANNOUNCE

SES KA-BAND announce list *(5 subscribers)*

SES LEO HBRDC

SES_LEO_HBRDC: ETSI SES Little Leo HBRDC standardization *(8 subscribers)*

SES NGSO KU-BAND

SES_NGSO_Ku-Band : ETSI TC Satellite Satellite Earth Stations and Systems WG on NGSO Ku *(6 subscribers)*

SES RTTHARM

SES_RTTHARM: Harmonization of RTTs between ETSI SES WG S-UMTS and TTA Korea *(5 subscribers)*

SES SUMTS

SES_SUMTS : Working Group on S-UMTS *(52 subscribers)*

SES SUMTS ANNOUNCE

SES S-UMTS announce list *(3 subscribers)*

SG STF157

SG_STF157 : SG_STF157 list *(12 subscribers)*

SL MEMBERS

SL_MEMBERS : subscriber line compatibilty matters. *(103 subscribers)*

SMG10

smg10 : SMG10 plenary *(81 subscribers)*

SMG10 MEXE

smg10_mexe : SMG10 MExE security *(13 subscribers)*

SMG10 WPA

smg10_wpa : SMG10 Working Party A *(10 subscribers)*

SMG10 WPB

smg10_wpb : SMG10 Working Party B *(12 subscribers)*

SMG10 WPC

smg10_wpc : SMG10 Working Party C *(13 subscribers)*

SMG10 WPD

smg10_wpd : SMG10 Working Party D *(37 subscribers)*

SMG11

SMG11 : ETSI STC SMG11 mailing list *(145 subscribers)*

SMG11-NS

SMG1 : list for SMG11-NS *(59 subscribers)*

SMG11 TFO

SMG11_TFO : SMG11 mailing list for Tandem-free operation *(44 subscribers)*

SMG12

SMG12 : *(28 subscribers)*

SMG1 CTS

SMG1_CTS : list for ETSI SMG1 mailing *(5 subscribers)*

SMG1 GPRS

SMG1_GPRS : list for ETSI STC SMG1 GPRS mailing *(36 subscribers)*

SMG1 HANDOVER

SMG1_HANDOVER : SMG1_HANDOVER list *(13 subscribers)*

SMG1 TOOLKIT

SMG1_Toolkit : list for ETSI STC SMG1_Toolkit mailing *(27 subscribers)*

SMG2EDGE

SMG2EDGE : ETSI SMG2 E-mail reflector on the subject of EDGE *(353 subscribers)*

SMG2SMG11AMR

SMG2SMG11AMR : E-mail reflector AMR feasibility report drafting *(157 subscribers)*

SMG2 GPRS

SMG2_GPRS : SMG2 GPRS Technical Discussion *(125 subscribers)*

SMG3

smg3 : SMG3 plenary *(24 subscribers)*

SMG3 GPRS

SMG3_GPRS : SMG3 GPRS Technical Discussion *(99 subscribers)*

SMG3 MNP

smg3_mnp : SMG3_mnp list *(6 subscribers)*

SMG3 WPA

SMG3_WPA : ETSI STC SMG3 Working Part A mailing list *(31 subscribers)*

SMG3 WPB

smg3_wpb : SMG3 Working Party B *(15 subscribers)*

SMG3 WPC

smg3_wpc : *(28 subscribers)*

SMG3 WPC CAMEL

smg3_wpc_camel : stage 283 specification *(30 subscribers)*

SMG3 WPC GPRS

smg3_wpc_gprs : *(11 subscribers)*

SMG3 WPC MAP

smg3_wpc_map : *(18 subscribers)*

SMG3 WPD

SMG3_WPD : SMG3 WPD Technical Discussion *(20 subscribers)*

SMG4

SMG4 : SMG4 mailing list, Data aspects *(63 subscribers)*

SMG6 1208

SMG6_1208 : SMG6 1208 subgroup on subscriber and equipment trace *(17 subscribers)*

SMG6 1211

SMG6_1211 : SMG6 12.11 subgroup on BSS fault management *(17 subscribers)*

SMG6 CHARGING

SMG6_Charging : SMG6 discussion group on GSM charging issues *(23 subscribers)*

SMG6 GPRS

SMG6_GPRS : SMG6 GPRS subgroup *(51 subscribers)*

SMG6 PLENARY

SMG6_PLENARY : SMG6 plenary (Operations and Maintenance) *(30 subscribers)*

SMG6 UMTS

SMG6_UMTS : SMG6 Working Party A on UMTS issues *(5 subscribers)*

SMG7

SMG7 : ETSI STC SMG7 mailing list *(111 subscribers)*

SMG7 CTS

SMG7_CTS : Discussion list for CTS mobile station testing issues *(9 subscribers)*

SMG9 API

SMG9_API subgroup (Development of Java (and other) APIs for the SIM) *(no subscriber)*

SMG9 GENERICS

SMG9_Generics : SMG9 Generics WP (General IC card issues) *(no subscriber)*

SMG9 PLENARY

SMG9_PLENARY : SMG9 plenary (SIM Aspects) *(no subscriber)*

SMG9 TEST

SMG9_test : SMG9 Working party on SIM/ME testing *(no subscriber)*

SMG9 TOOLKIT

SMG9_TOOLKIT : SMG9 SIM application toolkit issues *(no subscriber)*

SMG9 UMTS

SMG9_UMTS : SMG9 Working party on UMTS issues *(no subscriber)*

SMG ADVISORYGROUP

smg_advisorygroup : *(34 subscribers)*

SMG ANNOUNCE
    SMG_ANNOUNCE : Announcements list for SMG and its STCs *(190 subscribers)*
SMG CG
    SMG_CG : list for ETSI SMG_cg mailing *(27 subscribers)*
SMG PLENARY
    SMG_PLENARY : ETSI SMG plenary mailing list *(296 subscribers)*
SMG SOLSA
    SMG_SoLSA:GSM phase 2+, Support of Localised Service Area (SoLSA) *(111 subscribers)*
SMG WOME
    SMG_WOME : ETSI SMG_WOME E-mail reflector *(19 subscribers)*
SPAN11
    SPAN11 : ETSI SPAN WG11 list *(85 subscribers)*
SPAN11 ANNOUNCE
    SPAN11 announce list *(5 subscribers)*
SPAN11 NAR
    SPAN11_nar : ETSI SPAN11_nar WG2 list *(no subscriber)*
SPAN11 WP2
    SPAN11_WP2 : SPAN2 WP2 *(no subscriber)*
SPAN12
    ETSI SPAN WG12 list *(81 subscribers)*
SPAN12 ANNOUNCE
    SPAN 12 announce list *(5 subscribers)*
SPAN13
    SPAN13 : ETSI SPAN WG13 list *(239 subscribers)*
SPAN13 ANNOUNCE
    SPAN13 announce *(5 subscribers)*
SPAN14
    SPAN14 : ETSI SPAN WG14 list *(125 subscribers)*
SPAN14 ANNOUNCE
    SPAN14 announce list *(7 subscribers)*
SPAN14 SPAR
    SPAN14_SPAR : SPAN14 activity on service provider access requirements *(73 subscribers)*
SPAN1 ANNOUNCE
    SPAN 1 announce list *(3 subscribers)*
SPAN1 APP TRANS
    SPAN1_App_trans : Application transport protocol. (VPN,CTM,IN CS2) *(26 subscribers)*
SPAN1 BROADBAND
    SPAN1_BroadBand : Broad Band Protocol *(40 subscribers)*
SPAN1 EII
    SPAN1_EII: General list For SPS special task force on EII *(4 subscribers)*
SPAN1 GEN FULL
    SPAN1_Gen_Full : Full SPAN1 distribution list of active participants *(94 subscribers)*
SPAN1 GEN INFO
    SPAN1_Gen_Info : only calling notices, summary results and reports. *(8 subscribers)*
SPAN1 INTERWORKING
    SPAN1_Interworking : Interworking between Access and NNI *(23 subscribers)*
SPAN1 MTP SCCP
    SPAN1_MTP_SCCP : MTP and SCCP activities *(34 subscribers)*
SPAN1 NARROW BAND
    SPAN1_Narrow_band : Narrow Band Protocol *(32 subscribers)*
SPAN1 NP GEN
    SPAN1_np_gen : Working group on Number portability *(36 subscribers)*
SPAN1 NP NCR
    SPAN1_NP_NCR : Special list for np ncr *(32 subscribers)*
SPAN1 PLMN
    SPAN1_PLMN : All items covering PLMN *(19 subscribers)*
SPAN1 TESTING
    SPAN1_Testing : Test specification, PICS etc *(21 subscribers)*
SPAN2
    SPAN2 : ETSI SPAN WG2 list *(76 subscribers)*
SPAN2 ANNOUNCE

SPAN 2 announce list *(4 subscribers)*
SPAN2 ATM
span2_ATM : span2 focus group on ATM *(6 subscribers)*
SPAN2 NAR
SPAN2_NAR : ETSI SPAN2_nar WG2 list *(42 subscribers)*
SPAN2 NAR ANNOUNCE
SPAN 2 NAR announce list *(3 subscribers)*
SPAN2 TIPHON
SPAN2_TIPHON: SPAN2 WG on Tiphon matters *(18 subscribers)*
SPAN2 WP2
SPAN2_WP2 : SPAN2 WP2 *(44 subscribers)*
SPAN2 WP2 ANNOUNCE
SPAN2 WP2 announce list *(3 subscribers)*
SPAN3 ANNOUNCE
SPAN 3 announce list *(3 subscribers)*
SPAN3 GEN FULL
SPAN3_GEN_FULL : Full SPAN3 distribution list of active participants *(74 subscribers)*
SPAN5 ANNOUNCE
SPAN 5 Announce list *(4 subscribers)*
SPAN5 PLEN
SPAN5_PLEN : Full SPAN5 distribution list to receive plenary material *(93 subscribers)*
SPAN8
SPAN8 : ETSI SPAN 8 working group *(54 subscribers)*
SPAN8 ANNOUNCE
SPAN 8 announce list *(6 subscribers)*
SPAN9 ANNOUNCE
SPAN 9 announce list *(6 subscribers)*
SPAN9 PLEN
SPAN9_Plen : Full list for all information on SPAN9. *(71 subscribers)*
SPAN ANNOUNCE
SPAN Announcement list *(9 subscribers)*
SPAN EII
SPAN1_EII: General list For SPS special task force on EII *(4 subscribers)*
SPAN IPTF
SPAN_IPTF : IP Task Force driven by SPAN list *(87 subscribers)*
SPAN ITU COORD
SPAN_ITU_COORD : Co-ordination activities of ETSI into SG11 *(22 subscribers)*
SPAN MGMT
SPAN_MGMT: Management of TC NA-SPS *(16 subscribers)*
SPAN PLEN
SPAN_PLEN : TCs NA-SPS combined Tecnical Committee list *(97 subscribers)*
SRS-ANNOUNCE
srs-announce : srs-announce list *(no subscriber)*
SRS-TEST-ANNOUNCE
srs-test-announce : srs-test-announce list *(13 subscribers)*
STF139
STF139 : STF139 *(26 subscribers)*
STF154
STF154: STF154 e-mail list *(7 subscribers)*
STQ
STQ : For anyone interested in the work of ETSI TC/STQ *(109 subscribers)*
STQ A-SHOCK
STQ_A-shock: For the development of acoustic safety related deliverables *(24 subscribers)*
STQ ANNOUNCE
STQ announcement list *(3 subscribers)*
STQ AURORA
STQ_aurora : For the ETSI TC/STQ Aurora Project (Distributed Speech Recognition) *(104 subscribers)*
STQ AURORA ANNOUNCE
STQ AURORA announce list *(3 subscribers)*
STQ ONP

STQ_ONP: For anyone interested in the development of ETR 138 on ONP *(44 subscribers)*

SYSEMAIL ◉

sysemail : ETSI Systems Administrators Discussion List *(16 subscribers)*

SYSTEM TEST

SYSTEM_TEST : ETSI System Administrator TEST *(no subscriber)*

TBINFO ◉

Tbinfo : TBinfo list *(149 subscribers)*

TELECOM-INTERNET ◉

Telecom-Internet: Open Discussion – Telecommunications over Internet *(15 subscribers)*

TELEWORKING ◉

Teleworking: Open Discussion – Teleworking *(1 subscriber)*

TEST-CERTIF ◉

Test-Certif: Open Discussion – Testing and Certification *(5 subscribers)*

TESTLIST

TESTLIST : List for ListServ tests *(no subscriber)*

TETRA ◉

TETRA : ETSI Project TETRA *(73 subscribers)*

TETRAMAN

TETRAMAN : EPT MAN/ Management Committee of ETSI Project TETRA *(16 subscribers)*

TETRAWG1

TETRAWG1 : EPT WG1/ Working Group 1 of ETSI Project TETRA *(28 subscribers)*

TETRAWG1 ANNOUNCE ◉

TETRAWG1 announce list *(no subscriber)*

TETRAWG2

TETRAWG2 : EPT WG2 / Working Group 2 of ETSI Project TETRA *(41 subscribers)*

TETRAWG2DMO

TETRAWG2DMO : EPT WG2 DMO/ Working Group 2 of EP TETRA on DMO *(33 subscribers)*

TETRAWG2DMO ANNOUNCE ◉

TETRA DMO WG2 announce list *(no subscriber)*

TETRAWG2MES

TETRAWG2MES : EPT WG2 MES/ Working Group 2 of EP TETRA on MES *(37 subscribers)*

TETRAWG2MES ANNOUNCE ◉

TETRA WG2 MES announce list *(no subscriber)*

TETRAWG3

TETRAWG3 : EPT WG3/ Working Group 3 of EP TETRA *(88 subscribers)*

TETRAWG3 ANNOUNCE ◉

TETRA WG3Announce List *(2 subscribers)*

TETRAWG4

TETRAWG4 : EPT WG4/ Working Group 4 of ETSI Project TETRA *(41 subscribers)*

TETRAWG4 ANNOUNCE ◉

TETRA WG4 Announce list *(1 subscriber)*

TETRAWG5

TETRAWG5 : EPT WG5 / Working Group 5 of ETSI Project TETRA *(7 subscribers)*

TETRAWG6

TETRAWG6 : EPT WG6/ Working Group 6 of EP TETRA *(45 subscribers)*

TETRAWG6 ANNOUNCE ◉

TETRA WG6 Announce *(no subscriber)*

TETRAWG7

TETRAWG7 : EPT WG7/ Working Group 7 of ETSI Project TETRA *(32 subscribers)*

TETRAWG7 ANNOUNCE ◉

TETRA WG7 announce list *(1 subscriber)*

TETRAWG8

TETRAWG8 : EPT WG8/ Working Group 8 of ETSI Project TETRA *(55 subscribers)*

TETRAWG8 ANNOUNCE ◉

TETRA WG8 Announce list *(no subscriber)*

TETRA ANNOUNCE ◉

ETSI Project TETRA announcement list *(3 subscribers)*

TFES ◉

TFES : Tfes list *(66 subscribers)*

TIPHON ◉

TIPHON : interoperabillity of VoIP/ISDN/PSTN. *(545 subscribers)*
TIPHON ANNOUNCE
    TIPHON announcement list *(7 subscribers)*
TIPHON IMPLEMENTERS
    TIPHON_IMPLEMENTERS : TIPHON_IMPLEMENTERS *(11 subscribers)*
TIPHON PMC
    tiphon_pmc: TIPHON Project Management Committee mailing list *(20 subscribers)*
TIPHON RAPPORTEURS
    TIPHON_Rapporteurs *(34 subscribers)*
TIPHON WG1
    TIPHON_WG1: TIPHON WG1 mailing list *(159 subscribers)*
TIPHON WG1 ANNOUNCE
    TIPHON WG1 announce list *(no subscriber)*
TIPHON WG2
    TIPHON_WG2: TIPHON WG2 mailing list *(245 subscribers)*
TIPHON WG2 ANNOUNCE
    TIPHON WG2 announce list *(no subscriber)*
TIPHON WG3
    TIPHON_WG3: TIPHON WG3 mailing list *(193 subscribers)*
TIPHON WG3 ANNOUNCE
    TIPHON WG3 announce list *(no subscriber)*
TIPHON WG4
    TIPHON_WG4: TIPHON WG4 mailing list *(165 subscribers)*
TIPHON WG4 ANNOUNCE
    TIPHON WG4 announce list *(no subscriber)*
TIPHON WG5
    TIPHON_WG5: TIPHON WG5 mailing list *(210 subscribers)*
TIPHON WG5 ANNOUNCE
    TIPHON WG5 announce list *(1 subscriber)*
TIPHON WG6
    TIPHON_WG6: TIPHON WG6 mailing list *(89 subscribers)*
TIPHON WG6 ANNOUNCE
    TIPHON WG6 announce list *(no subscriber)*
TIPHON WG7
    TIPHON_WG7: TIPHON WG7 mailing list *(112 subscribers)*
TIPHON WG7 ANNOUNCE
    TIPHON WG7 announce list *(no subscriber)*
TIPHON WG8
    TIPHON_WG8: TIPHON WG8 mailing list *(87 subscribers)*
TIPHON WG8 ANNOUNCE
    TIPHON WG8 announce list *(no subscriber)*
TM
    TM : TM (general information for TC/TM) *(70 subscribers)*
TM1-ATM
    TM1-ATM : WP3 ATM Equipment *(28 subscribers)*
TM1-GEN
    TM1-Gen : TM1 Plenary Meetings management *(93 subscribers)*
TM1-SDH
    TM1-SDH : SDH Equipment *(65 subscribers)*
TM1-TEST
    TM1-TEST : WP3-Conformance Testing *(15 subscribers)*
TM1-WP1
    TM1-WP1 : Optical fibres and components *(11 subscribers)*
TM1-WP2
    TM1-WP2 : Core Networks Architecure *(21 subscribers)*
TM1-WP3
    TM1-WP3 : Transport Equipment, Systems and Interfaces *(70 subscribers)*
TM1-WP4
    TM1-WP4 : Timing and Synchronization *(41 subscribers)*
TM1 ANNOUNCE
    TM1 announce list *(1 subscriber)*

TM4

    TM4 : Digital Radio Relay Systems *(149 subscribers)*

TM4-WP1

    TM4-wp1 : Tm4-wp1 list *(46 subscribers)*

TM4-WP2

    TM4-wp2 : Tm4-wp2 list *(53 subscribers)*

TM4-WP3

    TM4-wp3 : Tm4-wp3 list *(6 subscribers)*

TM4-WP4

    TM4-wp4 : Tm4-wp4 list *(21 subscribers)*

TM4 ANNOUNCE

    TM4 Announce list *(6 subscribers)*

TM4 PMP COE

    TM4_PMP_Coe : Coexistence of P-MP systems *(37 subscribers)*

TM4 R&TTE

    TM4_R&TTE : Harmonized Standards for the R&TTE Directive *(43 subscribers)*

TM6 ALL

    TM6_ALL : Access Networks (Architecture, UNIs, xDSL ISDN) *(175 subscribers)*

TM6 ANA

    TM6_ANA : TM6 Access Network Architecture WP *(55 subscribers)*

TM6 ANNOUNCE

    TM6 announce list *(7 subscribers)*

TM6 SDSL

    TM6_SDSL : Symmetric DSL (Line code discussion) *(52 subscribers)*

TMABC

    TMABC : TM Approval by Correspondence list *(92 subscribers)*

TMN

    TMN : For anyone interested in the work of the ETSI Technical Committee TMN *(91 subscribers)*

TMN-ASM

    TMN-ASM For anyone interested in Access Switching Management *(18 subscribers)*

TMN-DNM

    TMN-DNM For anyone interested in Distributed Network Management *(20 subscribers)*

TMN-GOM

    TMN-GOM For anyone interested in Generic Objects Modelling *(25 subscribers)*

TMN-MIT

    TMN-MIT For anyone interested in the Management aspects of the InterneT *(25 subscribers)*

TMN-OMI

    TMN-OMI For anyone interested in Object Models of management Interfaces *(16 subscribers)*

TMN-TSO

    TMN-TSO For anyone interested in the in the work of ETSI TMN Standardisation Overview *(16 subscribers)*

TMN ANNOUNCE

    Announce list for ETSI Technical Committee TMN *(3 subscribers)*

TMN ASM ANNOUNCE

    TMN ASM announce list *(no subscriber)*

TMN DNM ANNOUNCE

    TMN DNM announce list *(no subscriber)*

TMN GOM ANNOUNCE

    TMN GOM announce list *(no subscriber)*

TMN MIT ANNOUNCE

    TMN MIT announce list *(no subscriber)*

TMN OMI ANNOUNCE

    TMN OMI announce list *(2 subscribers)*

TMN TSO ANNOUNCE

    TMN TSO announce list *(2 subscribers)*

TM ANNOUNCE

    TM announcement list for TC/TM *(10 subscribers)*

TTCN-3 LAUNCH

TTCN-3_Launch *(44 subscribers)*
TTCN-3 TOOLV
TTCN-3_ ToolV : *(17 subscribers)*
TTCN3
Active_TTCN3 : MTS STF133 TTCN Version 3 – Active Members Only *(161 subscribers)*
UG-FMC
ug-fmc: Open Discussion – Fixed/Mobile Convergence *(14 subscribers)*
UMTS
UMTS : ETSI Project UMTS list *(231 subscribers)*
UPT
UPT: Open Discussion – Universal Personal Telecommunication *(10 subscribers)*
USER-INFO
USER-INFO : USER-INFO/Mailing list for the USER GROUP *(35 subscribers)*
USER ANNOUNCE
Announcement list for the USER GROUP *(6 subscribers)*
VIRUS-ALERT
virus-alert: virus alert mailing list *(150 subscribers)*
WLL WLL:Wireless Local Loop *(24 subscribers)*

LISTSERV   **CataList**

L-Soft

3GPP_TSG_CN_WG4@LIST.ETSI.FR

3GPP_TSG_CN_WG4: TSG Core Network group

List name: 3GPP_TSG_CN_WG4

Host name: LIST.ETSI.FR

Subscribers: 360

Features:
- Spam filter
- Hands free bounce processing
- Archives
- Web archive interface
- Digests (with MIME support)
- Indexes
- Database functions

To subscribe, send mail to LISTSERV@LIST.ETSI.FR with the command (paste it!):

SUBSCRIBE 3GPP_TSG_CN_WG4

For more information, you can:

- Take a look at the list's configuration

- Contact the list owner at 3GPP_TSG_CN_WG4-request@LIST.ETSI.FR

- Check the other lists at LIST.ETSI.FR

LISTSERV   CataList

カレント ディレクトリは / です。

資料 6

📁 Inbox/	Tue Sep 26 09:44:0
📁 Information/	Wed Sep 13 17:21:0
📁 Op/	Fri Sep 22 11:35:0
📁 PCG/	Fri Sep 22 11:36:0
📁 Specs/	Mon Jul 31 11:31:0
📁 TSG_CN/	Mon Apr 03 15:30:0
📁 TSG_GERAN/	Thu Sep 14 17:04:0
📁 TSG_RAN/	Sun Feb 28 00:00:0
📁 TSG_SA/	Tue Jun 13 17:20:0
📁 TSG_T/	Fri Jan 08 00:00:0
📁 WORKSHOP/	Mon Jan 31 16:44:0

カレント ディレクトリは /TSG_CN です。

<u>ひとつ上のディレクトリに移動</u>

📁 AH_ITU-T/	Mon Nov 01 00:00:0
📁 InBox/	Tue Jul 11 10:31:0
📁 OSA/	Mon Apr 03 14:41:0
📁 SS_adhoc/	Mon Apr 03 14:43:0
📁 TSG_CN/	Thu Jul 06 15:35:0
📁 WG1_mm-cc-sm/	Wed Sep 13 13:32:0
📁 WG2_camel/	Wed Jan 05 13:04:0
📁 WG3_interworking/	Wed Sep 06 10:28:0
📁 WG4_protocollars/	Mon Sep 11 07:43:0
📁 WG5_osa/	Tue Aug 01 08:25:0

カレント ディレクトリは /TSG_CN/WG4_protocollars です。

<u>ひとつ上のディレクトリに移動</u>

🗀 helsinki_TrFO/	Tue Jul 25 21:56:0
🗀 seattle_TrFO/	Mon Sep 11 07:44:0
🗀 stockholm_TrFO/	Tue Apr 18 13:23:0
🗀 tsgN4_01/	Wed Mar 22 15:45:0
🗀 tsgN4_02/	Fri Mar 24 09:19:0
🗀 tsgN4_03/	Tue May 16 15:16:0
🗀 tsgN4_04/	Fri Jul 14 09:12:0

カレント ディレクトリは /TSG_CN/WG4_protocollars/tsgN4_03 です。

ひとつ上のディレクトリに移動

📁 Agenda/
📁 Docs/
📁 Invitation/
📁 Report/

Tue May 16 15:16:0
Tue Aug 15 23:04:0
Tue May 16 15:18:0
Tue Aug 22 10:21:0

カレント ディレクトリは /TSG_CN/WG4_protocollars/tsgN4_03/Docs
です。

ひとつ上のディレクトリに移動

File	Size	Date
N4-000411.zip	5 Kb	Thu Jul 13 15:40:0
N4-000411r1.zip	6 Kb	Thu Jul 13 21:47:0
N4-000412.zip	12 Kb	Thu Jul 13 15:40:0
N4-000412r1.zip	17 Kb	Thu Jul 13 21:47:0
N4-000413.zip	46 Kb	Tue Aug 15 09:04:0
N4-000414.zip	6 Kb	Thu Jul 13 15:40:0
N4-000415.zip	16 Kb	Thu Jul 13 15:40:0
N4-000416.zip	49 Kb	Thu Jul 13 15:40:0
N4-000417.zip	22 Kb	Thu Jul 13 15:40:0
N4-000418.zip	394 Kb	Thu Jul 13 15:40:0
N4-000419.zip	5 Kb	Thu Jul 13 15:40:0
N4-000420.zip	103 Kb	Thu Jul 13 15:40:0
N4-000421.zip	44 Kb	Thu Jul 13 15:40:0
N4-000422.zip	53 Kb	Thu Jul 13 15:40:0
N4-000423.zip	16 Kb	Thu Jul 13 15:40:0
N4-000424.zip	10 Kb	Thu Jul 13 15:40:0
N4-000425.zip	117 Kb	Thu Jul 13 15:40:0
N4-000426.zip	5 Kb	Thu Jul 13 15:40:0
N4-000427.zip	4 Kb	Thu Jul 13 15:40:0
N4-000428.zip	23 Kb	Thu Jul 13 15:40:0
N4-000429.zip	108 Kb	Thu Jul 13 15:40:0
N4-000430.zip	695 Kb	Thu Jul 13 15:40:0
N4-000431.zip	274 Kb	Thu Jul 13 15:40:0
N4-000432.zip	119 Kb	Thu Jul 13 15:40:0
N4-000433.zip	33 Kb	Thu Jul 13 15:40:0
N4-000434.zip	75 Kb	Thu Jul 13 15:40:0
N4-000435.zip	426 Kb	Thu Jul 13 15:40:0
N4-000436.zip	261 Kb	Thu Jul 13 15:40:0
N4-000437.zip	317 Kb	Thu Jul 13 15:40:0
N4-000438.zip	87 Kb	Thu Jul 13 15:40:0
N4-000439.zip	89 Kb	Thu Jul 13 15:40:0
N4-000440.zip	54 Kb	Thu Jul 13 15:40:0
N4-000441.zip	133 Kb	Thu Jul 13 15:40:0
N4-000442.zip	15 Kb	Thu Jul 13 15:40:0
N4-000443.ZIP	52 Kb	████████ 15:40:0
N4-000444.ZIP	25 Kb	Thu Jul 13 15:40:0
N4-000445.ZIP	11 Kb	Thu Jul 13 15:40:0
N4-000446.zip	45 Kb	Thu Jul 13 15:40:0
N4-000448.zip	3 Kb	Thu Jul 13 21:48:0
N4-000449.zip	88 Kb	Thu Jul 13 15:40:0
N4-000450.zip	68 Kb	Thu Jul 13 15:40:0
N4-000451.zip	204 Kb	Thu Jul 13 15:40:0
N4-000453.zip	14 Kb	Thu Jul 13 15:40:0

File	Size	Date
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N4-000457.zip	4 Kb	Thu Jul 13 15:40:0
N4-000458.zip	139 Kb	Thu Jul 13 21:52:0
N4-000459.zip	22 Kb	Thu Jul 13 15:40:0
N4-000460.zip	96 Kb	Fri Jul 14 18:37:0
N4-000462.zip	22 Kb	Sat Jul 15 20:38:0
N4-000463.zip	72 Kb	Thu Jul 13 15:40:0
N4-000464.zip	319 Kb	Thu Jul 13 21:57:0
N4-000465.zip	68 Kb	Thu Jul 13 21:59:0
N4-000466.zip	4 Kb	Thu Jul 13 15:40:0
N4-000467.zip	21 Kb	Thu Jul 13 15:40:0
N4-000468.zip	42 Kb	Thu Jul 13 15:40:0
N4-000469.zip	67 Kb	Thu Jul 13 15:40:0
N4-000470.ZIP	8 Kb	Thu Jul 13 15:40:0
N4-000471.zip	4 Kb	Thu Jul 13 15:40:0
N4-000471r1.zip	4 Kb	Tue Aug 15 09:09:0
N4-000472.zip	4 Kb	Thu Jul 13 15:40:0
N4-000473.zip	5 Kb	Thu Jul 13 15:40:0
N4-000474.zip	4 Kb	Thu Jul 13 15:40:0
N4-000475.zip	33 Kb	Thu Jul 13 15:40:0
N4-000476.zip	118 Kb	Tue Aug 15 09:08:0
N4-000479.zip	26 Kb	Fri Jul 14 18:38:0
N4-000480.zip	4 Kb	Thu Jul 13 15:40:0
N4-000481.zip	11 Kb	Fri Jul 14 09:10:0
N4-000482.zip	28 Kb	Thu Jul 13 22:00:0
N4-000483.zip	7 Kb	Thu Jul 13 22:00:0
N4-000484.zip	44 Kb	Thu Jul 13 22:01:0
N4-000485.zip	10 Kb	Thu Jul 13 15:40:0
N4-000486.zip	25 Kb	Thu Jul 13 15:40:0
N4-000487.zip	14 Kb	Thu Jul 13 15:40:0
N4-000488.zip	14 Kb	Thu Jul 13 15:40:0
N4-000489.zip	14 Kb	Thu Jul 13 15:40:0
N4-000490.zip	14 Kb	Thu Jul 13 15:40:0
N4-000491.zip	14 Kb	Thu Jul 13 15:40:0
N4-000492.zip	34 Kb	Thu Jul 13 15:40:0
N4-000493.zip	7 Kb	Fri Jul 14 18:39:0
N4-000494.zip	5 Kb	Fri Jul 14 18:39:0
N4-000495.zip	35 Kb	Fri Jul 14 18:40:0
N4-000496.zip	35 Kb	Fri Jul 14 18:40:0
N4-000497.zip	36 Kb	Fri Jul 14 18:41:0
N4-000498.zip	60 Kb	Fri Jul 14 18:42:0
N4-000499.zip	63 Kb	Fri Jul 14 18:43:0
N4-000500.zip	19 Kb	Fri Jul 14 18:43:0
N4-000501.zip	19 Kb	Fri Jul 14 18:44:0
N4-000502.zip	19 Kb	Tue Aug 15 09:11:0

File	Size	Date
N4-000503.zip	13 Kb	Tue Aug 15 09:11:0
N4-000504.zip	6 Kb	Tue Aug 15 09:11:0
N4-000505.zip	4 Kb	Tue Aug 15 09:11:0
N4-000506.zip	5 Kb	Tue Aug 15 09:12:0
N4-000507.zip	4 Kb	Tue Aug 15 09:12:0
N4-000508.zip	31 Kb	Tue Aug 15 11:00:0
N4-000509.zip	3 Kb	Tue Aug 15 09:25:0
N4-000510.zip	13 Kb	Tue Aug 15 09:26:0
N4-000511.zip	3 Kb	Tue Aug 15 09:26:0
N4-000512.zip	8 Kb	Tue Aug 15 09:31:0
N4-000513.zip	15 Kb	Tue Aug 15 11:01:0
N4-000514.zip	3 Kb	Tue Aug 15 11:01:0
N4-000515.ZIP	25 Kb	Tue Aug 15 11:03:0
N4-000516.zip	20 Kb	Tue Aug 15 11:03:0
N4-000517.zip	40 Kb	Tue Aug 15 11:04:0
N4-000518.zip	25 Kb	Tue Aug 15 11:04:0
N4-000519.zip	28 Kb	Tue Aug 15 11:05:0
N4-000520.zip	7 Kb	Sat Jul 29 21:33:0
N4-000521.zip	19 Kb	Tue Aug 15 11:06:0
N4-000522.zip	19 Kb	Tue Aug 15 11:06:0
N4-000523.ZIP	9 Kb	Tue Aug 15 11:06:0
N4-000524.zip	19 Kb	Tue Aug 15 11:09:0
N4-000525.zip	7 Kb	Tue Aug 15 11:11:0
N4-000526.zip	25 Kb	Tue Aug 15 11:11:0
N4-000527.zip	23 Kb	Tue Aug 15 11:12:0
N4-000528.zip	23 Kb	Tue Aug 15 11:13:0
N4-000529.zip	23 Kb	Tue Aug 15 11:13:0
N4-000530.zip	23 Kb	Tue Aug 15 11:13:0
N4-000531.ZIP	10 Kb	Tue Aug 15 11:15:0
N4-000532.zip	22 Kb	Tue Aug 15 11:15:0
N4-000533.zip	21 Kb	Tue Aug 15 11:16:0
N4-000534.zip	15 Kb	Tue Aug 15 11:16:0
N4-000535.zip	14 Kb	Tue Aug 15 11:17:0
N4-000536.zip	222 Kb	Tue Aug 15 22:40:0
N4-000537.zip	2 Kb	Tue Aug 15 22:41:0
N4-000539.zip	15 Kb	Tue Aug 15 22:41:0
N4-000540.zip	11 Kb	Tue Aug 15 22:41:0
N4-000541.zip	23 Kb	Tue Aug 15 22:41:0
N4-000543.zip	81 Kb	Tue Aug 15 22:43:0
N4-000544.zip	32 Kb	Tue Aug 15 22:44:0
N4-000545.zip	15 Kb	Tue Aug 15 22:44:0
N4-000546.zip	15 Kb	Tue Aug 15 22:44:0
N4-000547.zip	32 Kb	Tue Aug 15 22:45:0
N4-000548.zip	7 Kb	Tue Aug 15 22:45:0
N4-000549.zip	76 Kb	Tue Aug 15 22:47:0
N4-000550.zip	111 Kb	Tue Aug 15 23:06:0
N4-000551.zip	7 Kb	Tue Aug 15 23:01:0

N4-000552.zip	16 Kb	Tue Aug 15 23:01:0
N4-000553.zip	15 Kb	Tue Aug 15 23:01:0
Tdoclist.doc	71 Kb	Tue Aug 15 23:02:0
catalogue.zip	4740 Kb	Thu Jul 13 15:40:0